2. (Amended)  An image processing apparatus comprising:

image input means for inputting one composition as a

plurality of images taken with a different exposure;

correction parameter setting means for setting correction

5    parameters necessary to correct a brightness of at least one

image of said plurality of images having a different exposure;

brightness correcting means for correcting the brightness of

said one image [at least one image of said plurality of images]

in accordance with said set correction parameters;

10    image display means for displaying [at least one image of

the images] said one image corrected by said brightness

[correction] correcting means and the other images of said

plurality of images; and

image synthesizing means for converting said one image and

15    the other images of said plurality of images [estimating an

amount of incident light obtained when said one input image is

input based on said plurality of input images and said set

correction parameters to convert said plurality of images whose

brightness is corrected by said brightness correction means] to

20    be placed in a displaying range of said image display means based

on said set correction parameters so that the images displayed by

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the image display means are displayed with almost the same

brightness, thereby joining said plurality of images.


3. (Amended) The image processing apparatus according to
claim [1 or] 2, wherein said [image correction] brightness
correcting means corrects the image by changing the correction
[parameter] parameters in accordance with differences in
5    brightness between a plurality of images displayed by said image
display means.


10. (Amended)  The image processing apparatus according to
claim 3, wherein said [image correction] brightness correcting
means corrects the image by changing an exposure ratio between a
plurality of images, which is used as said correction [parameter]
5    parameters, in accordance with [difference] differences in
brightness between said plurality of images displayed by said
image display means.


14. (Amended)  An image processing method comprising:
an image input step of inputting a plurality of images
obtained by taking one composition at different exposures;
a correction parameter setting step of setting [a]

5   ̖correction parameters [indispensable] for correcting the

brightness of at least one of said plurality of images taken with

different exposures;

an image correcting step of correcting the brightness of

said at least one image in accordance with the <u>set</u> correction

10  [parameter set] <u>parameters</u>;

an image displaying step of displaying at least one of <u>the</u>

images corrected in the image correcting step; and

an image synthesizing step of combining said

plurality of images corrected in brightness in the image

15  correcting step, into one image to be displayed within a range of

the [imaging] <u>image</u> display step, by inferring an amount of

incident light obtained when said composition is input in the

image input step, from said plurality of images which have been

input and said correction [parameter] <u>parameters</u> which has been

20  set.


20. (Amended) The image processing method according to

claim [13 or] 14, wherein said image correcting step [is to

correct] <u>corrects</u> the image by changing an exposure ratio between

a plurality of images, which is used as said correction

5   [parameter] <u>parameters,</u> in accordance with differences in

brightness between said plurality of images displayed in said

image displaying step.


22. (Amended) A recording medium recording computer programs

for correcting a plurality of images obtained by taking one

composition with different exposures, to provide an image having

a desired brightness, said recording medium comprising:

5       an image inputting program for inputting one composition in

the form of a plurality of images photographed at different

exposures;

        a correction parameter setting program for setting [a]

correction parameters [indispensable] for correcting the

10      brightness of at least one of said plurality [taken with images]

of photographed images taken at different exposures;

        an image correcting program for correcting the brightness of

said at least one image in accordance with the set correction

[parameter set] parameters;

15      an image displaying program for displaying at least one of

the images corrected in accordance with the image correcting

program; and

        an image synthesizing program for combining said plurality

of images corrected in brightness in accordance with said image

20      correcting program, into one image to be displayed within a range

[of] in accordance with said imaging display program, by

inferring an amount of incident light obtained when said

composition is input in accordance with said image inputting

program, from said plurality of images which have been input and

25    said correction [parameter] parameters which [has] have been set.


28. (Amended) The recording medium according to claim [21

or] 22, wherein said image correcting program is designed to

correct the image by changing an exposure ratio between a

plurality of images, which is used as said correction [parameter]

5    parameters, in accordance with differences in brightness between

said plurality of images displayed by using said image displaying

program.